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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20050215450 A1

L1: Entry 1 of 6 File: PGPB Sep 29, 2005

PGPUB-DOCUMENT-NUMBER: 20050215450
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050215450 A1

TITLE: Endo-beta-1,4-glucanases

PUBLICATION-DATE: September 29, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Outtrup, Helle	Vaerlose		DK
Schulein, Martin	Copenhagen		DK
Henriksen, Torben	Copenhagen		DK
Bjornvad, Mads Eskelund	Frederiksberg		DK
Gibson, Keith	Bagsvaerd		DK

US-CL-CURRENT: 510/320; 435/200, 435/252.3, 435/471, 435/6, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 20050112749 A1

L1: Entry 2 of 6 File: PGPB May 26, 2005

PGPUB-DOCUMENT-NUMBER: 20050112749
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050112749 A1

TITLE: ENDO-BETA-1,4-GLUCANASE FROM BACILLUS

PUBLICATION-DATE: May 26, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Outtrup, Helle	Skovhaven		DK
Schulein, Martin	Osterbrogade		DK
Eskelund, Mads Bjornvad	Abildgaards Alle		DK
Gibson, Keith	Bagsvaerd		DK

US-CL-CURRENT: 435/200; 435/101, 435/252.31, 435/320.1, 435/69.1, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 3. Document ID: US 20040067572 A1

L1: Entry 3 of 6 File: PGPB Apr 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040067572
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040067572 A1

TITLE: Pectate lyases

PUBLICATION-DATE: April 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Andersen, Lene Nonboe	Allerod	NC	DK
Schulein, Martin	Copenhagen		DK
Dela, Hanne	Copenhagen		DK
Lange, Niels Erik Krebs	Raleigh		US
Bjornvad, Mads Eskelund	Frederiksberg		DK
Moller, Soren	Holte		DK
Glad, Sanne O Schroder	Ballerup		DK
Kauppinen, Markus Sakari	Copenhagen N		DK
Schnorr, Kirk	Copenhagen N		DK
Kongsbak, Lars	Holte		DK

US-CL-CURRENT: 435/232

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 4. Document ID: US 20020142438 A1

L1: Entry 4 of 6 File: PGPB Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020142438
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020142438 A1

TITLE: Novel pectate Lyases

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Andersen, Lene Nonboe	Allerod	NC	DK
Schulein, Martin	Copenhagen		DK

Dela, Hanne	Copenhagen	DK
Lange, Niels Erik Krebs	Raleigh	US
Bjornvad, Mads Eskelund	Frederiksberg	DK
Moller, Soren	Holte	DK
Glad, Sanne O. Schroder	Ballerup	DK
Kauppinen, Markus Sakari	Copenhagen N	DK
Schnorr, Kirk	Copenhagen N	DK
Kongsbak, Lars	Holte	DK

US-CL-CURRENT: 435/201; 426/11, 435/263, 435/320.1, 435/325, 435/69.1, 442/59, 510/226, 510/305, 536/23.2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 5. Document ID: US 6268197 B1

L1: Entry 5 of 6 File: USPT Jul 31, 2001

US-PAT-NO: 6268197
DOCUMENT-IDENTIFIER: US 6268197 B1

TITLE: Xyloglucan-specific alkaline xyloglucanase from bacillus

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 6. Document ID: US 6165769 A

L1: Entry 6 of 6 File: USPT Dec 26, 2000

US-PAT-NO: 6165769
DOCUMENT-IDENTIFIER: US 6165769 A

TITLE: Pectin degrading enzymes from Bacillus licheniformis

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Term	Documents
ENDOGLUCANASE	1147
ENDOGLUCANASES	668
ATCC	71447
ATCCS	8
"14580"	1001
14580S	0

((ATCC ADJ "14580") AND ENDOGLUCANASE).CLM..PGPB,USPT,USOC,EPAB,JPAB,DWPI.	6
((ENDOGLUCANASE AND ATCC 14580).CLM.).PGPB,USPT,USOC,EPAB,JPAB,DWPI.	6

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Refine Search

Search Results -

Term	Documents
ENDOGLUCANASE	1147
ENDOGLUCANASES	668
ATCC	71447
ATCCS	8
"14580"	1001
14580S	0
((ATCC ADJ "14580") AND ENDOGLUCANASE).CLM..PGPB,USPT,USOC,EPAB,JPAB,DWPI.	6
((ENDOGLUCANASE AND ATCC 14580).CLM.).PGPB,USPT,USOC,EPAB,JPAB,DWPI.	6

Database:
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- US Patents Full-Text Database
- US OCR Full-Text Database
- EPO Abstracts Database
- JPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Search: L1

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Search History

DATE: Tuesday, January 23, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ			
L1	(endoglucanase AND ATCC 14580).clm.	6	L1

END OF SEARCH HISTORY

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     (FILE 'HOME' ENTERED AT 14:31:07 ON 23 JAN 2007)

     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
     CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
     DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 14:31:21 ON 23 JAN 2007
               SEA ENDOGLUCANASE
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             609   FILE AGRICOLA
              17   FILE ANABSTR
              13   FILE ANTE
              36   FILE AQUASCI
             771   FILE BIOENG
            2165   FILE BIOSIS
            1021   FILE BIOTECHABS
            1021   FILE BIOTECHDS
             873   FILE BIOTECHNO
             824   FILE CABA
            3435   FILE CAPLUS
             465   FILE CEABA-VTB
              11   FILE CIN
              34   FILE CONFSCI
               2   FILE CROPB
              16   FILE CROPU
               2   FILE DDFU
            2758   FILE DGENE
             145   FILE DISSABS
               4   FILE DRUGU
               4   FILE EMBAL
             992   FILE EMBASE
             887   FILE ESBIOBASE
               2   FILE FOREGE
              98   FILE FROSTI
             562   FILE FSTA
            1929   FILE GENBANK
               2   FILE HEALSAFE
             294   FILE IFIPAT
             159   FILE JICST-EPLUS
               4   FILE KOSMET
            1159   FILE LIFESCI
            1131   FILE MEDLINE
              40   FILE NTIS
              12   FILE OCEAN
            1024   FILE PASCAL
              37   FILE PCTGEN
               1   FILE PHIN
              15   FILE PROMT
               1   FILE RDISCLOSURE
            2110   FILE SCISEARCH
             340   FILE TOXCENTER
            1182   FILE USPATFULL
             148   FILE USPAT2
              19   FILE VETU
               2   FILE WATER
             333   FILE WPIDS
               2   FILE WPIFV
             333   FILE WPINDEX
L1             QUE ENDOGLUCANASE
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     FILE 'CAPLUS, BIOSIS, SCISEARCH, LIFESCI, MEDLINE, PASCAL, BIOTECHDS,
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EMBASE, ESBIOBASE, BIOTECHNO, CABA, BIOENG, AGRICOLA' ENTERED AT 14:32:24
ON 23 JAN 2007

L2 107 S L1 AND LICHENIFORMIS
L3 3 S L2 AND (ATCC 14580)
L4 3 DUP REM L3 (0 DUPLICATES REMOVED)

=> d l4 ibib ab 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:949523 CAPLUS
DOCUMENT NUMBER: 142:18180
TITLE: Complete genome sequence of the industrial bacterium Bacillus **licheniformis** and comparisons with closely related Bacillus species
AUTHOR(S): Rey, Michael W.; Ramaiya, Preethi; Nelson, Beth A.; Brody-Karpin, Shari D.; Zaretsky, Elizabeth J.; Tang, Maria; Lopez de Leon, Alfredo; Xiang, Henry; Gusti, Veronica; Clausen, Ib Groth; Olsen, Peter B.; Rasmussen, Michael D.; Andersen, Jens T.; Jorgensen, Per L.; Larsen, Thomas S.; Sorokin, Alexei; Bolotin, Alexander; Lapidus, Alla; Galleron, Nathalie; Ehrlich, S. Dusko; Berka, Randy M.
CORPORATE SOURCE: Novozymes Biotech Inc., Davis, CA, 95616, USA
SOURCE: GenomeBiology (2004), 5(10), No pp. given
CODEN: GNBLFW; ISSN: 1465-6914
URL: http://genomebiology.com/content/pdf/gb-2004-5-10-r77.pdf
PUBLISHER: BioMed Central Ltd.
DOCUMENT TYPE: Journal; (online computer file)
LANGUAGE: English
AB Bacillus **licheniformis** is a Gram-pos., spore-forming soil bacterium that is used in the biotechnol. industry to manufacture enzymes, antibiotics, biochems., and consumer products. This species is closely related to the well studied model organism Bacillus subtilis, and produces an assortment of extracellular enzymes that may contribute to nutrient cycling in nature. The complete nucleotide sequence of the B. **licheniformis ATCC 14580** genome was determined, comprising a circular chromosome of 4,222,336 base-pairs (bp) containing 4208 predicted protein-coding genes with an average size of 873 bp, 7 rRNA operons, and 72 tRNA genes. The B. **licheniformis** chromosome contains large regions that are colinear with the genomes of B. subtilis and Bacillus halodurans, and .apprx.80% of the predicted B. **licheniformis** coding sequences have B. subtilis orthologs. Despite the unmistakable organizational similarities between the B. **licheniformis** and B. subtilis genomes, there are notable differences in the nos. and locations of prophages, transposable elements, and a number of extracellular enzymes and secondary metabolic pathway operons that distinguish these species. Differences include a region of >80 kilobases (kb) that comprises a cluster of polyketide synthase genes and a second operon of 38 kb encoding plipastatin synthase enzymes that are absent in the B. **licheniformis** genome. The availability of a completed genome sequence for B. **licheniformis** should facilitate the design and construction of improved industrial strains and allow for comparative genomics and evolutionary studies within this group of Bacillaceae. The genome sequence is deposited in GenBank/EMBL/DDBJ under accession number CP000002.
REFERENCE COUNT: 62 THERE ARE 62 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:946468 CAPLUS
DOCUMENT NUMBER: 138:35286
TITLE: Protein and cDNA sequences of a novel Bacillus endo-β-1,4-glucanase and uses thereof
INVENTOR(S): Outtrup, Helle; Schuelein, Martin; Eskelund, Mads Bjornvad; Gibson, Keith
PATENT ASSIGNEE(S): Novozymes A/S, Den.
SOURCE: PCT Int. Appl., 51 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002099091	A2	20021212	WO 2002-DK381	20020606
WO 2002099091	A3	20030410		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1399543	A2	20040324	EP 2002-735093	20020606
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2004536593	T	20041209	JP 2003-502201	20020606
CN 1633496	A	20050629	CN 2002-811352	20020606
US 2005112749	A1	20050526	US 2003-479446	20031202
US 7041488	B2	20060509		
US 2005215450	A1	20050929	US 2005-44363	20050126
US 7141403	B2	20061128		

PRIORITY APPLN. INFO.:	DK 2001-879	A	20010606
	US 2001-302446P	P	20010629
	WO 2002-DK381	W	20020606
	US 2003-479446	A3	20031202

AB The invention provides protein and cDNA sequences of a novel Bacillus enzyme exhibiting endo-β-1,4-glucanase activity. The invention further provides the stability information of the endo-β-1,4-glucanase and its uses for detergent and textile applications.

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2000:861778 CAPLUS
DOCUMENT NUMBER: 134:38866
TITLE: Cloning, characterization and industrial applications of a novel endo-β-1,4-glucanase from Bacillus **licheniformis**
INVENTOR(S): Schulein, Martin; Bjornvad, Mads Eskelund
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.
SOURCE: PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000073428	A1	20001207	WO 2000-DK278	20000524
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2374433	A1	20001207	CA 2000-2374433	20000524

EP 1185631	A1	20020313	EP 2000-929321	20000524
EP 1185631	B1	20060809		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY				
BR 2000010998	A	20020604	BR 2000-10998	20000524
JP 2003501021	T	20030114	JP 2001-500742	20000524
AT 335812	T	20060915	AT 2000-929321	20000524
PRIORITY APPLN. INFO.:			DK 1999-755 A	19990528
			WO 2000-DK278 W	20000524

AB An enzyme exhibiting endo-β-1,4-glucanase activity which belongs to family 9 of glycosyl hydrolases is obtained from a strain belonging to the genus Bacillus such as Bacillus **licheniformis**, **ATCC 14580**. The DNA and encoded amino acid sequences of the enzyme and the enzyme core (the catalytically active domain of the enzyme) are disclosed. The expressed **endoglucanase** could be useful in various industrial applications such as detergent, paper and pulp, oil drilling, oil extraction, wine and juice, food ingredients, animal feed or textile industries.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT